



*Transmitted Via Electronic Mail*

August 20, 2012

U.S. Environmental Protection Agency, Region II  
Emergency and Remedial Response Division  
290 Broadway, 19<sup>th</sup> Floor, Room W-20  
New York, NY 10007-1866  
Attn: Alice Yeh

**Re: Monthly Progress Report No. 10  
Combined Sewer Overflow/Stormwater Outfall Investigation  
Diamond Alkali Superfund Site (Lower Passaic River Study Area)**

Dear Ms. Yeh:

Submitted herein is the Monthly Progress Report for work performed as part of the Combined Sewer Overflow/Stormwater Outfall Investigation for the Diamond Alkali Superfund Site (Lower Passaic River Study Area). This progress report has been prepared pursuant to Section IX Paragraph 53 of the Administrative Settlement Agreement and Order on Consent between the U.S. Environmental Protection Agency and Occidental Chemical Corporation, Index No. CERCLA-02-2011-2016.

If you have any questions, please call me at 732.246.5851.

Sincerely,

**Tierra Solutions, Inc.**

Paul Brzozowski  
Remediation Manager  
On behalf of Occidental Chemical Corporation  
(as successor to Diamond Shamrock Chemicals Company)

cc: Carol E. Dinkins, Vinson & Elkins  
Willard Potter, de maximis, inc.  
Karyllan Dodson Mack, K&L Gates

CSO-SWO\_Investigation\_Monthly\_Report\_No\_I0.docx

10th Floor

Two Tower Center Blvd . East Brunswick, New Jersey 08816

FOIA\_07123\_0000153

**MONTHLY PROGRESS REPORT NO. 10**  
**COMBINED SEWER OVERFLOW/STORMWATER OUTFALL INVESTIGATION**  
**DIAMOND ALKALI SUPERFUND SITE (LOWER PASSAIC RIVER STUDY AREA)**  
**WORK PERIOD: July 2012**

**Actions Taken Towards Achieving Compliance with the Order**

- ☐ Tierra continued coordination with Groundwater Treatment and Technology to construct the sample collection system and trailer.
- ☐ Tierra completed the field reconnaissance on July 31, 2012.
- ☐ Tierra completed laboratory contracting with Vista Analytical on July 6, 2012, and Test America (Vermont) and Brooks Rand Laboratories on July 16, 2012.
- ☐ Tierra conducted a laboratory audit of Brooks Rand Labs of Seattle, WA on July 18, 2012
- ☐ Tierra submitted the Combined Sewer Overflow (CSO)/Stormwater Outfall (SWO) Particulate Organic Carbon (POC) Initial and Follow-up Pre-Program Performance Evaluation Studies to USEPA on July 2, 2012

**USEPA and Other Information/Correspondence Received**

- ☐ Tierra received approval of the CSO/SWO POC Initial and Follow-up Pre-Program Evaluation Studies from USEPA on July 10, 2012.

**Validated Sampling or Testing Results Received or Generated During the Course of Implementing the Work**

- ☐ None during this reporting period.

**Future Plans, Actions and Data Scheduled for August and September 2012**

- ☐ Complete construction and testing of the sample collection system and trailer (August 20 to 23, 2012).
- ☐ Perform field demonstration of sample collection system and trailer (August 24, 2012).
- ☐ Collect pre-program equipment blank (August 28, 2012).
- ☐ Perform demonstration of low solids mass sample separation (August 29, 2012).
- ☐ Submit a laboratory audit report of Brooks Rand Labs of Seattle, WA to USEPA (estimate early September 2012).
- ☐ Implement corrective actions and submit a third performance evaluation sample to Vista Analytical for organochlorine pesticide analyses (low solids mass and high solids mass particulate analysis) (estimate late August 2012).
- ☐ Initiate low-solids mass dissolved phase method blank study (estimate early September 2012).
- ☐ Hold teleconference with USEPA to discuss results of the organochlorine pesticide performance evaluation study (estimate mid August 2012).

**Actual or Potential Violations, Other Problems Encountered and Corrective Actions**

- ☐ None during this reporting period.

**Delays Encountered or Anticipated and Mitigation Actions**

- ☐ None during this reporting period.